VigorTalk Analog Telephone Adapter

- Leverage your existing broadband connection for lower Internet phone rate
- Carrier-class-clear sounding and high quality voice communication while surfing Internet
- Taking full advantage of the features afforded by service provider: Caller ID, Call Waiting* etc.
- Capable to be large-scale deployed by service provider

The VigorTalk Analog Telephone Adapter(ATA) is an international-recognized SIPv2 standard compliance that helps customers to migrate legacy analog telephones and conference speakerphones to modern IP devices and further to deliver feature-rich carrier-class Voice over IP service to small-businesses and residences.

The VigorTalk ATA converts voice into data packets seamlessly, transfers the packets over IP network and delivers clear sounding toll-quality voice to the destination, no matter international or local area. This intelligent technology enables customers to extend their investment by leveraging the existing broadband connection, DSL or cable modem, for extremely affordable Internet phone rates, as well as enjoy all of the other available special features from their service provider as well, such as Caller ID, Call Waiting* etc.

With easy-installation for end users and easy-provision/ maintenance for service providers, the VigorTalk ATA has the capabilities to be large-scale deployed. The VigorTalk ATA can be dynamic software upgrades to offer up-to-date services to the users thereby meets the needs of the blooming VoIP market.

As an interface between telephones and LAN, the VigorTalk ATA features one standard telephone port for connection to the existing phones and one 10/100Base-T Ethernet port for connection to Internet via home or office router/modem. The VigorTalk ATA can be easily configured using complementary built-in Interactive Voice Response(IVR) system via telephone key pad for basic setup or speed switching mode and using Web GUI within embedded Web server for flexible advanced configuration of STUN server, DTMF and Volume Gain.

Voice over IP

- Protocol: SIPv2 (RFC3261, 3264)
- DTMF: in-band & out-of-band (RFC2833)(SIP INFO)
- Call progress tone generation
- Dynamic jitter buffer (adaptive)
- Frame loss concealment
- Full duplex audio
- Line echo-cancellation – G.165/G.168
- VAD – Voice Activity Detection w/ silence suppression
- (Comfort Noise Generation)
  Caller ID generation – Bellcore, DTMF, ETSI
- Voice codecs: G.711 A/ μ law; G.729 A/B
- Packet loss concealment
- Re-registration
- Gain control

Administration, Provision and Management

- Password protected system reset to factory default (Telnet)
- Password protected administrator and user access for Web configuration
- Web-based configuration via built-in Web server
- Convenient internet access profiles
- Touch-tone telephone keypad configuration with IVR support
- Auto provisioning
- Firmware upgrade via TFTP（RFC 1350）

Networking Features

- DHCP client（RFC 2131）/PPPoE /Static IP
- PPTP support
- Automated NAT Traversal（STUN, RFC3489）
- RTP/RTCP (RFC 1889,1890)

*Future release

DrayTek

VIGOROUS BROADBAND ACCESS

VigorTalk Analog Telephone Adapter

VIGOROUS BROADBAND ACCESS

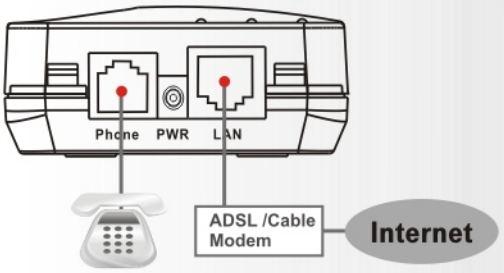
Physical Interfaces
- One port, 10/100Base-T , RJ-45 connector
- One port, FXS, RJ-11 connector

Regulatory Compliance
- FCC Part 15 Class B
- CE

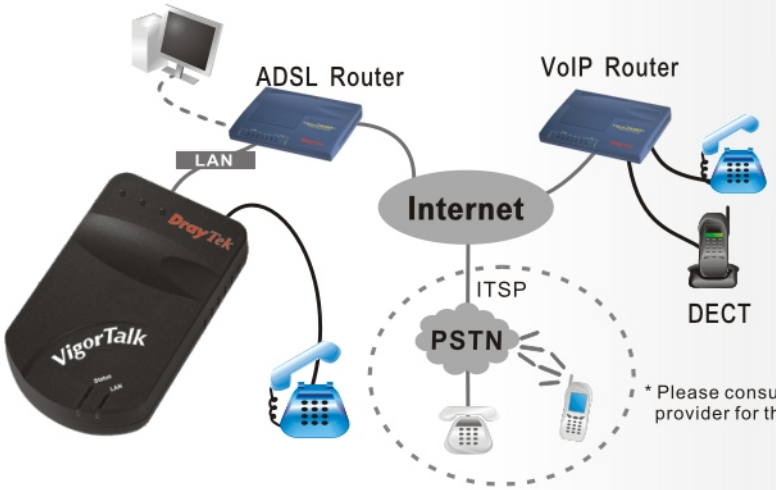
Indicator Lights
- LAN LED (ready/transmitting)
- Status LED
  - green: solid while off hook; blink while ready
  - orange: solid during IVR configuration; blinking during VoIP communication

Power Supply
- DC input voltage: 15V DC
- Power consumption: Max. 5 Watt

Dimension
- L68* W113* H24mm

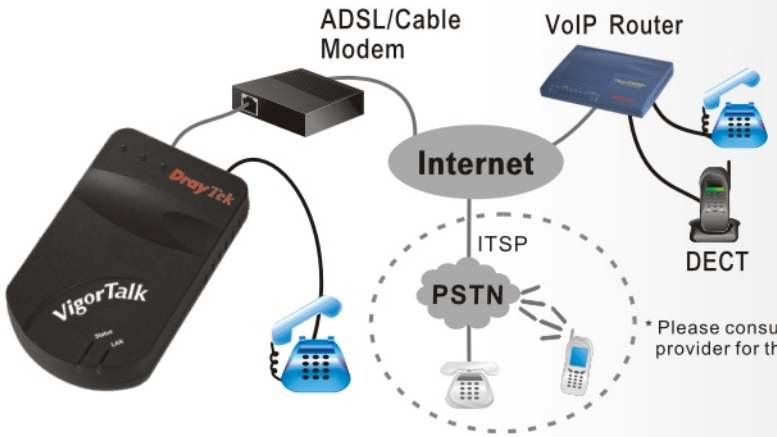


With General ADSL Router



* Please consult your Internet telephone service provider for the off-net service availability.

With Ethernet-based Cable a DSL Modem



* Please consult your Internet telephone service provider for the off-net service availability.

www.draytek.com E-mail:info@draytek.com Tel:+886 3 597 2727 Fax:+886 3 597 2121

These products have been designed for the WLAN 2.4Ghz and ADSL network throughout the EC region and Switzerland, with restrictions in France !

991-0000700-00